

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

1. (Currently Amended) A method, comprising:

a server sending an identification to a synchronization client executing on a handheld device;

the synchronization client comparing the identification received from the server with a locally stored identification;

the synchronization client sending a first message to the server if the identification does not compare equally with the locally stored identification;

in response to receiving the first message, the server sending a size of binary information to the synchronization client;~~based on a size of binary information~~

the synchronization client comparing the size of the binary information with~~and~~ an amount of storage available in ~~[[a]]~~ the handheld device~~[[,]]~~;

the synchronization client sending a second message to the server if the synchronization client determines that the amount of storage available in the handheld is greater than the size of the binary information~~deciding to transfer the binary information in synchronizing a server and a synchronization client associated with the handheld device;~~

~~providing the binary information for transfer;~~

in response to the server receiving the message, the server compressing the binary information prior to transfer;

the server encoding the compressed binary information using a text encoder prior to transfer; and

the server encoding the text encoded information prior to transfer according to a protocol associated with a connection between the server and the synchronization client.

2. (Original) The method of claim 1, wherein the binary information is compressed using a Zip compression utility.
3. (Original) The method of claim 1, wherein the text encoder comprises a Base-64 encoder.
4. (Original) The method of claim 1, wherein the protocol is the hypertext transfer protocol.
5. (Original) The method of claim 1, wherein the binary information comprises database data stored on the server.
6. (Original) The method of claim 1, wherein the binary information comprises metadata stored on the server.
7. (Original) The method of claim 1, wherein the binary information comprises transaction information stored on the handheld device.
8. (Currently Amended) The method of claim 1, ~~wherein providing the binary information for transfer further comprises~~ further comprising parsing the binary information into smaller units.

9. (Currently Amended) An apparatus, comprising:

means for sending a size of binary information to a handheld device;

means for ~~deciding, based on~~ comparing the ~~[[a]]~~ size of binary information and an amount of storage available in ~~[[a]]~~ the handheld device~~[[,]]~~;

~~to transfer the binary information in synchronizing a server and a synchronization client associated with the handheld device;~~

means for sending a message to a server if the size of binary information is greater than the amount of storage available in the handheld device;

~~means for providing the binary information for transfer;~~

means for compressing the binary information prior to transfer to the handheld device;

means for text encoding the compressed binary information prior to transfer to the handheld device; and

means for encoding the text encoded information prior to transfer to the handheld device according to a protocol associated with a connection between the server and the ~~synchronization client~~ the handheld device.

10. (Original) The apparatus of claim 9, wherein the means for compressing binary information comprises a Zip compression utility.

11. (Original) The apparatus of claim 9, wherein the means for text encoding comprises a Base-64 encoder.

12. (Original) The apparatus of claim 9, wherein the protocol is the hypertext transfer protocol.

13. (Original) The apparatus of claim 9, wherein the binary information comprises database data stored on the server.

14. (Original) The apparatus of claim 9, wherein the binary information comprises metadata stored on the server.

15. (Original) The apparatus of claim 9, wherein the binary information comprises transaction information stored on the handheld device.

16. (Currently Amended) The apparatus of claim 9, ~~wherein the means for providing binary information for transfer further comprises~~ further comprising means for parsing the binary information into smaller units.

17. (Currently Amended) A machine-readable medium having stored thereon a plurality of instructions that when executed by a server cause the server to perform operations comprising:

~~based on comparing~~ a size of binary information and an amount of storage available in a handheld device in response to the server receiving information from the handheld device that identifies the amount of storage available in the handheld device; ~~deciding to transfer the binary information in synchronizing a server and a synchronization client associated with the handheld device;~~

~~providing the binary information for transfer;~~

in response to determining that the amount of storage in the handheld device exceeds the size of the binary information, compressing the binary information prior to transfer to the handheld device;

encoding the compressed binary information using a text encoder; and

encoding the text encoded information prior to transfer to the handheld device according to a protocol associated with a connection between the server and the ~~synchronization client~~ handheld device.

18. (Original) The machine-readable medium of claim 17, wherein the binary information is compressed using a Zip compression utility.

19. (Original) The machine-readable medium of claim 17, wherein the text encoder comprises a Base-64 encoder.

20. (Original) The machine-readable medium of claim 17, wherein the protocol is the hypertext transfer protocol.

21. (Original) The machine-readable medium of claim 17, wherein the binary information comprises database data stored on the server.

22. (Original) The machine-readable medium of claim 17, wherein the binary information comprises metadata stored on the server.

23. (Currently Amended) The machine-readable medium of claim 17, wherein ~~providing the binary information~~ the method further comprises for transfer further comprises parsing the binary information into smaller units.

24. - 32 (Cancelled)